



SUMMARY OF PROPOSED TOTAL MAXIMUM DAILY LOAD FOR LAKE LUCILLE, WASILLA, AK

Public Notice Issuance Date: September 25, 2001

Public Notice Expiration Date: November 9, 2001

What is Proposed:

The Alaska Department of Environmental Conservation (ADEC) has prepared a Total Maximum Daily Load (TMDL) for Lake Lucille in Wasilla, Alaska. Under Alaska's Water Quality Standards (Standard), Lake Lucille is protected for water recreation, aquatic life and wildlife uses, and as a water supply. Since 1994, Lake Lucille has been listed as an impaired waterbody by ADEC because sampling has shown its levels of dissolved oxygen sometimes drop below the Standard level. Nutrients are believed to have contributed to excessive growth of aquatic vegetation in the lake, which in turn decreased the dissolved oxygen concentrations. A TMDL determines how much of a pollutant a waterbody can receive and still meet water quality standards. This TMDL provides an assessment of this water quality problem, identifies pollutant sources that contribute to it, and

describes the actions needed to reduce the pollution to Lake Lucille.

Total Maximum Daily Load (TMDL)



A TMDL is basically a "pollution budget" designed to restore the health of a waterbody. A TMDL calculates the amount of a specific pollutant that a waterbody can receive and still maintain water quality standards.

Alaska completed its most recent listing of priority waters in 1998 and identified 58 waterbodies throughout the state not meeting Water Quality Standards. Lake Lucille was listed as an impaired waterbody in 1994.

Future Actions:

The following is a summary of future actions required to implement this TMDL. Please refer to the complete TMDL document for more detailed information.

The City of Wasilla maintains two stormwater outfalls on Lake Lucille. These stormwater outfalls collect runoff from the Parks Hwy. and central business district. Discharge from one of the outfalls will be routed away from the lake to settling basins in Iditapark for infiltration into the ground. The plan for the second stormwater outfall will be addressed in a stormwater master plan by the City of Wasilla.

Another main action of the proposed TMDL is educating



the public regarding ways to reduce runoff pollution to the lake.

The ADEC will establish a 10-year monitoring program with local stakeholders. Data from the monitoring program will be used to determine whether the implementation actions have the desired effect of increasing dissolved oxygen concentrations to meet the standard.

Information Available:

A copy of the TMDL is available on DEC's website at www.state.ak.us/dec/dawq/dec_dawq.htm, at EPA's website at www.epa.gov/r10earth/lakelucilletmdl.htm or upon request by writing or calling the DEC:

Alaska Department of Environmental Conservation
555 Cordova
Anchorage, AK 99501
Attn: Laura Eldred,
(907) 269-1065; TDD/TYY (907) 269-7511

Public Comments:

People wishing to comment on the proposed TMDL should do so in writing prior to November 9, 2001. All comments should include the name, address, and telephone number of the commenter and a concise statement of the comment and the relevant facts upon which it is based. Written comments must be postmarked by November 9, 2001 and sent to the DEC at the above address. Comments may also be faxed to DEC at (907) 269-7508 or emailed to laura_eldred@envircon.state.ak.us.